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Patent Number	6,134,118
Issue Date	10/17/2000
Application Number	08/834,798
Filing Date	4/3/1997
First Named Inventor	David V. Pedersen
Attorney Docket Number	20879-0009

Please change the Correspondence Address for the above-identified patent to:

☐ The address associated with Customer Number:

OR

☒ Firm or Individual Name Vertical Circuits, Inc

Address 10 Victor Sq #100

City Scotts Valley State CA ZIP 95066

Country USA

Telephone (831) 438-3887 Email kuncz@verticalcircuits.com

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I am the:

☐ Patentee.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

☐ Attorney or agent of record. Registration Number \_\_\_\_\_

Signature William K. Kuncz

Typed or Printed Name William K. Kuncz

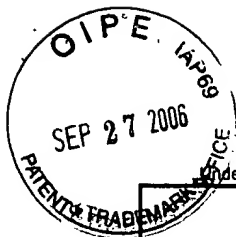
Date 9/21/06 Telephone (831) 438-3887 x133

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Post Issue, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Vertical Circuits, Inc.

Application No./Patent No./Control No.: 6,134,118 Filed/Issue Date: 4/3/1997

Entitled: Conductive epoxy flip-chip package & method.

\_\_\_\_\_, a \_\_\_\_\_  
(Name of Assignee) (Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
2. ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is 100 %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a true copy of the original assignment is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Inventors To: Cubic Memory  
The document was recorded in the United States Patent and Trademark Office at  
Reel 7665, Frame 192, or for which a copy thereof is attached.
2. From: (See attached Docs) To: Vertical Circuits, Inc.  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: Vertical Circuits, Inc. To: Silicon Valley Bank (Security Int. only)  
The document was recorded in the United States Patent and Trademark Office at  
Reel 15271, Frame 57, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

William K. Kuncz  
Signature

William K. Kuncz  
Printed or Typed Name

Chief Financial Officer  
Title

7/21/06  
Date  
(831) 438-3889 x133  
Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**CERTIFICATE OF MERGER OF  
TRW COMPONENTS INTERNATIONAL INC.  
WITH AND INTO CUBIC MEMORY, INC.**

The undersigned corporation organized and existing under the General Corporation Law of the State of Delaware (the "GCL") does hereby certify that:

1. The name and state of incorporation of each of the constituent corporations is as follows:

<u>Name</u>	<u>State of Incorporation</u>
TRW Components International Inc.	Virginia
Cubic Memory, Inc.	Delaware

2. An Agreement and Plan of Merger (the "Agreement of Merger") by and among the constituent corporations has been approved, adopted, certified, executed, and acknowledged by each of the constituent corporations in accordance with Section 252 of the GCL. Stockholders of TRW Components International Inc. and stockholders of Cubic Memory, Inc. have adopted and approved the Agreement of Merger by written consent in accordance with Section 228 of the GCL.

3. The name of the surviving corporation is Cubic Memory, Inc. (such name to be changed upon the effectiveness of the amendment to the certificate of incorporation of the surviving corporation set forth in Article 4 below).

4. The following amendments to the certificate of incorporation of Cubic Memory, Inc., the surviving corporation, are to be effected by the merger: the certificate of incorporation of Cubic Memory, Inc. shall be amended, restated, and integrated to read in its entirety as set forth in Exhibit A attached hereto and incorporated herein by this reference and as so amended, restated, and integrated shall be the certificate of incorporation of the surviving corporation.

5. The executed Agreement of Merger is on file at an office of Cubic Memory, Inc., the surviving corporation, the address of which is 27 Janis Way, Scotts Valley, CA 95066.

6. A copy of the Agreement of Merger will be furnished by the surviving corporation, on request and without cost, to any stockholder of any constituent corporation.

IN WITNESS WHEREOF, the undersigned surviving corporation has caused this Certificate to be duly executed and acknowledged in accordance with Section 103 of the GCL.

CUBIC MEMORY, INC.

By: A. Vindasius

Name: Al Vindasius

Title: President October 21, 1999

*State of Delaware*  
*Office of the Secretary of State*

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I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"TRW COMPONENTS INTERNATIONAL INC.", A VIRGINIA CORPORATION, WITH AND INTO "CUBIC MEMORY INC." UNDER THE NAME OF "VERTICAL CIRCUITS, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-SEVENTH DAY OF OCTOBER, A.D. 1999, AT 3 O'CLOCK P.M.



*Edward J. Freel*  
Edward J. Freel, Secretary of State

2361761 8100M

991460847

AUTHENTICATION: 0054242

DATE: 10-29-99

## AGREEMENT AND PLAN OF MERGER

THIS AGREEMENT AND PLAN OF MERGER (the "Agreement"), is made and entered into as of the 1st day of October, 1999, by and among TRW Components International Inc., a Virginia corporation (the "Company"), TRW Inc., an Ohio corporation ("TRW"), Friedli Corporate Finance AG ("FCF") and Cubic Memory Incorporated, a Delaware corporation, as surviving company ("Surviving Company").

### RECITALS

WHEREAS, Surviving Company, TRW and the Company have determined that it is in the best interests of each for Surviving Company to acquire the Company upon the terms and subject to the conditions set forth herein; and

WHEREAS, the Company is the wholly-owned subsidiary of TRW; and

WHEREAS, Surviving Company will merge with the Company, with Surviving Company as the surviving entity;

NOW, THEREFORE, for and in consideration of the premises and covenants set forth below, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Surviving Company, FCF, TRW and the Company hereby agree as follows:

### ARTICLE 1 THE MERGER

1.01. The Merger. On the Closing Date (as defined in Section 2.01 hereof), upon and subject to the terms and conditions set forth in this Agreement, the Company shall be merged with and into the Surviving Company, and the separate corporate existence of the Company shall thereupon cease (the "Merger"). The Surviving Company shall be the surviving corporation in the Merger and shall continue to be governed by the laws of the State of Delaware, and the separate corporate existence of the Surviving Company with all its rights, privileges, immunities, powers and franchises shall continue unaffected by the Merger, except as set forth in this Agreement. The Merger shall have the effects specified in the Delaware General Corporation Law (the "GCL").

### ARTICLE 2 CLOSING; EFFECTIVE TIME

2.01. Closing Date, Closing. The closing of the Merger shall take place (i) at the offices of Morris James Hitchens & Williams as promptly as practicable following the satisfaction of all of the conditions to closing set forth in Article 11 hereof or (ii) at such other place and time and/or on such other date as the Company and Surviving Company may

incorporated herein by reference as though fully set forth herein.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed as of the day and year first above written.

The Company:

TRW Components International Inc.

By: Walter A. Page III

Surviving Company:

Cubic Memory, Incorporated

By: A. Kunderian

TRW:

TRW Inc.

By: [Signature]

FCF:

Friedli Corporate Finance AG

By: \_\_\_\_\_

incorporated herein by reference as though fully set forth herein.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed as of the day and year first above written.

The Company:

TRW Components International Inc.

By: \_\_\_\_\_

Surviving Company:

Cubic Memory, Incorporated

By: \_\_\_\_\_

TRW:

TRW Inc.

By: \_\_\_\_\_

FCF:

Friedli Corporate Finance AG

By: \_\_\_\_\_

